SASKATCHEWAN HEALTH RESEARCH BOARD

ANNUAL REPORT

Period ending March 31, 1985

—Saskatchewan Health Research Board—

#5 — 3002 Louise Street
Saskatoon, Saskatchewan
S7J 3L8 (306) 373-5575

October 1985

The Hon. Graham Taylor
Minister of Health
Room 38
Legislative Building
REGINA, Saskatchewan
S4S OB3

Sir:

I beg to present herewith for your consideration the Annual Report of the Saskatchewan Health Research Board for the fiscal year ending March 31, 1985.

Respectfully submitted

D. D. Johnson

Dr. D. D. Johnson
Chairman

TABLE OF CONTENTS

		Page
	Letter of Transmittal	
1.	Chairman's Statement	1
2.	Legislative Authority and Mandate	3
3.	The Saskatchewan Health Research Fund	3
4.	Competition Awards	4
	4.1 Categories of Awards in the Fifth Competition (1984-85)	4
5.	Competition and Review Process	5
6.	Profile of the Fifth Competition (1984-85)	6
	6.1 Applications Received	6
	6.2 Recommendations of Review Committees	6
	6.3 Awards Made in the Fifth Competition	7
7.	Follow-Up on Five Year Plan	7
8.	Funds for Special Purposes: Low-Level Radiation Research	8

TABLES

Table		Page
1	Summary of Applications, Recommendations, and Grants Awarded, Competition Five (1984-85)	6

APPENDICES

Appendix		Page
1	Members of the Board (April 1, 1984 Through March 31, 1985)	10
2	Financial Statements and The Auditor's Report Thereon . .	11

APPENDICES (CONTINUED)

Appendix		Page
3	Saskatchewan Health Research Board Terms of Reference for Review Committees	19
4	Grants-In-Aid Biomedical Review Committee 1984-85	20
4A	Personnel Review Committee 1984-85	21
4B	Grants-In-Aid Socio-Health Review Committee 1984-85 . . .	22
5	Saskatchewan Health Research Board Awards Granted, Fifth Competition - 1984-85	23
6	Members of the Radiation Advisory Committee to the Saskatchewan Health Research Board (April 1, 1984 Through March 31, 1985)	26
7	RAC Awards Granted During 1984-85	27

1. CHAIRMAN'S STATEMENT

The Saskatchewan Health Research Board concluded its sixth year of operation in 1984-85. A number of key events highlight the year's activities. First, the Board continued its discussions of future directions in light of the general status of health research in Saskatchewan, and current financial circumstances. In the Five Year Plan submitted to government in November 1983, the Board proposed that the Capital Fund should either be greatly expanded in order to provided from half to all the annual operating revenues needed, or should be abandoned in concept. The outcome was that in 1984-85, the Board received no new grant from the government, but was permitted to spend $1 million of its reserves, effectively drawing down the capital fund.

The Board continued to ponder its mandate and role in the development of the Saskatchewan health research community. While all programs are considered important, the Establishment Grant program for new investigators and the Research Fellowship program for holders of doctoral degrees have proven particularly effective. The Board determined that the Research Fellowship program should be expanded as far as possible, and agreed in principle to increase the annual value of the stipends to be competitive with those set by the MRC in order to attract a large number of high caliber candidates.

Based on discussions with the government, the Board also considered its overall mandate and potential role in new activities. There is no doubt that the government is interested in goal-oriented research designed to address important issues in health care delivery, resource allocation, and policy-making. If credible and methodologically sound research is to be conducted, the Board would be an ideal vehicle for administering funds and ensuring that the proposals demonstrate appropriate scientific expertise. The government has committed itself to funding the Board at historical levels in order to maintain the essential base-building activities. In response, the Board has agreed that it would consider administering targetted research funds, and we have already undertaken one such initiative in gerontology for 1985-86.

It would be encouraging to report that Saskatchewan has increased its share of health research funding and activities over the past year relative to other provinces, but such is not the case. The Board did not have enough money to fund large scale initiatives which eventually might lead to the development of important centres of excellence able to attract significant outside funding and produce world class science. The quality of the provincial health research community has improved over the past six years judging from the results of the peer review processes in our competitions. There are many researchers poised to do very good work, but just as the overall quality has risen, so, too, have fiscal restraints created severe pressures for all major granting agencies. Just as Saskatchewan's health researchers have become more competitive grant applicants, it has become increasingly difficult to obtain funding for new studies at the MRC and other major agencies.

This raises the overall question of the adverse consequences of the SHRB having to concentrate on new investigators. There has been no unrestricted grant-in-aid competition since 1982. It may no longer be reasonable to assume that experienced investigators will obtain grants even if their applications are of high quality. The Board would like to be in a position to make large scale grants to groups of investigators addressing important topics in order to make an impact on the national and international scene. These relatively large investments could be expected to yield handsome financial and scientific payoffs in the future. As the health research community well understands, the Board is in no position to entertain these measures, and we share the concern of many that the supposedly established researcher may be caught in the gap between our eligibility criteria on the one hand, and the funding restraints of major agencies on the other. The solution is money, and we hope some day to have enough to provide both essential remedies and new initiatives where warranted.

D. D. Johnson
Chairman

2. LEGISLATIVE AUTHORITY AND MANDATE

The Saskatchewan Health Research Board (SHRB) was established as a corporate body under The Health Research Act, proclaimed September 15, 1979, to administer the Saskatchewan Health Research Fund. The Board was empowered under the Act to "assist and stimulate research in the healing arts and health sciences including:

- the causes, detection, distribution, prevention and management of human illness and disabling conditions;
- health maintenance and health promotion;
- the social, environmental, and biological aspects of the human aging process;
- the utilization of health services."

The Board is to consist of at least six and not more than twelve members appointed by the Lieutenant Governor in Council who are residents of Saskatchewan as follows: two representatives from the health sciences or healing arts in the University of Saskatchewan and one in the University of Regina, one member from the Saskatchewan Department of Advanced Education and Manpower, one representative from the Saskatchewan Department of Health and up to seven others. Both Chairman and Vice-Chairman are designated by the Lieutenant Governor in Council. Appendix 1 lists the members who served on the Board during 1984-85.

3. THE SASKATCHEWAN HEALTH RESEARCH FUND

With the proclamation of the Act, the Saskatchewan Health Research Fund came into being for the purpose of assisting and stimulating research in the healing arts and health sciences. Into that fund, there is to be paid annually out of the consolidated fund, any monies that may be appropriated by the Legislature for the purposes of this Act. The Board received $750,000 in each of the first five fiscal years through 1983-84. By virtue of an agreement with the Department of Health, the Board had accumulated a capital fund of $1,560,000 through 1983-84. In 1984-85, the government allocated no new funds to the Board, instead authorizing expenditures of up to $1,000,000 and the consequent reduction of the capital fund balance. Attached to this report as Appendix 2 are the financial statements which detail the financial transactions of the Board as certified by the Provincial Auditor.

4. COMPETITION AWARDS

4.1 Categories of Awards in the Fifth Competition (1984-85)

The fifth competition had an application deadline of March 15. In light of the Board's financial circumstances and the adverse consequences of soliciting far too many high quality applications to fund, the initial competition advertised for applications in the following categories:

1. Establishment Grants to assist new researchers in becoming established in health research, to a maximum of $27,500 per annum for up to two years, non-renewable. Grants may be used to hire personnel (technicians, assistants) and/or to purchase equipment and supplies.
2. Venture Grants to be awarded for unusual or innovative research ideas which may not fit into the more traditional categories. Grants of up to $5,000 may be awarded for one year only for meritorious and creative proposals.
3. Preliminary Development Grants to fund the initial stages of what are expected to be major projects, to a maximum of $27,500 for one year only.
4. Training Fellowships to worthy persons wishing to develop their research careers in Saskatchewan. Awards are normally for periods of up to two years, with renewals permissible on reapplication. The awards were valued at $10,000 annually during 1984-85. Applications are accepted from individuals with a meritorious baccalaureate, master's, or equivalent degree, who are planning to undertake research training in Saskatchewan. Applicants intending to train outside Saskatchewan in approved disciplines must be willing to make a commitment to return to the province providing suitable employment is available.
5. Research Fellowships for a limited number of individuals with academic distinction who wished to develop their fields of research and to equip themselves for independent investigation in institutions in Saskatchewan. Awards are for periods of up to two years, with an extension to a third year in some circumstances. During 1984-85 the minimum

value of the award was $19,600 annually. Applications are accepted from individuals with a Ph.D., M.D., D.D.S., D.V.M. or equivalent degree.

6. Major Equipment Grants of up to $20,000 to provide new or essential replacement items for proven investigators with active research programs and operating grants.

5. COMPETITION AND REVIEW PROCESS

The guidelines last amended in 1981 were followed by the review committees in 1984-85 (see Appendix 3). In the first (1980-81) competition, the then two review committees together consisted of seven Board members and seven non-members. In the second and subsequent competitions, only the Chairman has been a member of the Board; all others have been recruited from the research community in order to ensure that the process remains autonomous and at arm's length from the Board. Appendix 4 lists the membership of the three review committees for the fifth competition (1984-85).

The review committees follow a system of peer review similar to that used by other granting agencies. Each application for a research grant is sent out to one or more external reviewers expert in the subject covered in the proposal. Within the review committees themselves, individual members become primary reviewers to make in-depth assessments of the scientific merit and relevance of the proposals or the research potential of candidates. After rating and ranking all applications, each committee recommends a cutoff point. These judgments are outlined in a report to the Board.

The Board retains responsibilities to determine the assignment of funds for the competition. To fulfill this function, the Board has to establish priorities to best serve the research needs of the community -- for example, the relative importance of providing advanced training for students; "start-up" grants for newly established investigators; equipment essential for complex projects; and grants to established investigators. The Board retains final authority to make all appropriations after considering the recommendations of its review committees.

6. PROFILE OF THE FIFTH COMPETITION (1984-85)

6.1 Applications Received

There were 62 eligible applications in the fifth competition. There were 31 applications for Personnel Awards (27 Training Fellowships, 4 Research Fellowships) and 31 Research Grant applications (22 Biomedical and 9 Socio-Health).

The total amount of money requested by eligible applicants was $1,751,737.

6.2 Recommendations of Review Committees

Table 1 summarizes the total number of applications received, the recommendations of the review committees, and the ultimate decisions of the Board.

TABLE 1

SUMMARY OF APPLICATIONS, RECOMMENDATIONS, AND GRANTS AWARDED
COMPETITION FIVE (1984-85)

Category	Applications No.	Applications Amount	Recommended No.	Recommended Amount	Funded No.	Funded Amount
Personnel						
Training Fellowships	27	$ 530,000	24	$ 470,000	14*	$ 250,000*
Research Fellowships	4	156,800	2	78,400	2	78,400
PERSONNEL SUB-TOTAL	31	686,800	26	548,400	16	328,400
Biomedical	22	797,436	19	686,967	14	399,149
Socio-Health	9	267,501	7	152,908	7	152,908
GRAND TOTALS	62	1,751,737	52	1,388,275	37	880,457

* 11 for two years, 3 for one year

As can be seen, the overall quality of applications received was high, and 83.9% were judged worthy of funding. The approved rate was similar in all categories (although only 2 of 4 Research Fellowship applicants were recommended for funding because of the review committee's very high standard).

6.3 Awards Made in the Fifth Competition

The Board awarded $880,457 in the fifth competition, consisting of 14 Biomedical grants - $399,149; 7 Socio-Health grants - $152,908; 14 Training Fellowships - $250,000; and 2 Research Fellowships - $78,400. In addition, the Board awarded two Conference grants totalling $6,500, and a special grant to the Socio-Health Steering Group to begin organizing a Directory of Socio-Health Research in Saskatchewan. This initiative arose out of the February 1984 Socio-Health Research Conference, described in the 1983-84 Annual Report. The total amount constitutes a slight decrease from that spent in the previous year. Funds available include interest earnings, and the recapture of some unspent funds from the previous competitions.

7. FOLLOW-UP ON FIVE YEAR PLAN

As reported in the 1983-84 Annual Report, the Board developed and refined a Five Year Plan document submitted to the Minister of Health. The document identified historical and comparative circumstances relevant to the development of the Saskatchewan health research community and listed the basic requirements of an improved performance. During 1984-85 the Board met with senior government officials to discuss the Five Year Plan and possible revisions or extensions of the SHRB mandate. Out of these discussions emerged consensus that the Board must continue to maintain essential base-building activities such as the funding of new researchers, the expansion of the post-doctoral fellowship program, and advanced training in certain disciplines. In addition, however, there were discussions of the willingness and capacity of the Board to administer targetted research in a number of areas crucial to the development of the health system

and relevant to health policy development and analysis. The Board agreed in principle that it could make a contribution in areas beyond the traditional base-building activities given sufficient funding. It is anticipated that ongoing discussion will be held, and the concept has already borne fruit with the establishment of a $100,000 Gerontology Research Fund in the 1985-86 fiscal year.

8. FUNDS FOR SPECIAL PURPOSES: LOW-LEVEL RADIATION RESEARCH

The Board is empowered under the Act to accept and administer funds for special purposes. The first grant which the Board consented to administer was for "low-level radiation research" from the government of Saskatchewan.

Previous SHRB annual reports have outlined and detailed the origins and purposes of the Low-Level Radiation Research Fund, and the workings of the Radiation Advisory Committee. No new monies have been received by the Fund since 1981-82. A review initiated in 1982 by Government has not yet resulted in concrete initiatives for the future disposition of the Fund.

In light of the uncertainty of the future direction of the Fund, no new competitions have been held since 1983. However, on occasion unsolicited proposals in the radiation research area have come forward, and the Board has in very special circumstances seen fit to consider extraordinary grants. This is particularly the case when SHRB participation would serve to bring about larger scale research activity on a cost-shared basis.

In 1984-85, one proposal met the special criteria. The Board had previously funded radionuclide distribution studies in vegetation in northern Saskatchewan undertaken by Drs. S. Swanson of the Saskatchewan Research Council and J. Sheard of the Department of Biology, University of Saskatchewan. Dr. Sheard proposed to extend these studies with major sponsorship by federal agencies. The SHRB provided a grant of $21,500 to Dr. Sheard and his colleagues, and our participation was instrumental in the approval of the overall project totalling approximately $200,000.

The Radiation Fund has an uncommitted balance of over $300,000. It is of some concern to the Board that this amount of money is lying

effectively dormant pending further direction. The Board may approach the government with a plan for disposing of the funds during 1985-86 in the absence of more specific instruction.

APPENDIX 1

MEMBERS OF THE BOARD
(April 1, 1984 Through March 31, 1985)

JOHNSON, Dr. Dennis (Chairman)
Acting Head
Department of Pharmacology
College of Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

BOAN, Dr. John
Department of Economics
University of Regina
Regina, Saskatchewan

EIDINGER, Dr. David
Department of Microbiology
College of Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

HERD, Ms. Agnes
Health & Social Service Programs
Saskatchewan Advanced Education
& Manpower
1855 Victoria Avenue
Regina, Saskatchewan

HICKIE, Dr. Robert
Department of Pharmacology
College of Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

HORLICK, Dr. Lou (Vice-Chairman)
Department of Medicine
University Hospital
Saskatoon, Saskatchewan

MATTHEWS, Dr. Peter
Child & Youth Psychiatry
Ellis Hall
University Hospital
Saskatoon, Saskatchewan

PHILIPPON, Dr. Donald
Policy Research & Management
Services Branch
Saskatchewan Health
T. C. Douglas Building
3475 Albert Street
Regina, Saskatchewan

RIDLEY, Dean Una
College of Nursing
University of Saskatchewan
Saskatoon, Saskatchewan

ROBERTSON, Dr. Bev
Department of Physics & Astronomy
University of Regina
Regina, Saskatchewan

APPENDIX 2

FINANCIAL STATEMENTS

AND

THE AUDITOR'S REPORT THEREON

SASKATCHEWAN HEALTH RESEARCH FUND

FINANCIAL STATEMENTS

Year Ended March 31, 1985

OFFICE OF THE PROVINCIAL AUDITOR

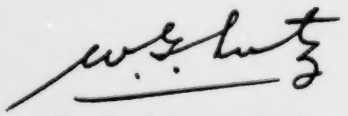
REGINA, SASKATCHEWAN

AUDITOR'S REPORT

To the Members of the Legislative Assembly
Province of Saskatchewan

I have examined the balance sheet of the Saskatchewan Health Research Fund as at March 31, 1985 and the statements of revenue, expenditure and fund balance and changes in financial position for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, these financial statements present fairly the financial position of the Fund as at March 31, 1985 and the results of its operations and the changes in its financial position for the year then ended in accordance with the disclosed basis of accounting applied on a basis consistent with that of the preceding year.



Regina, Saskatchewan,
June 28, 1985.

W. G. Lutz, F.C.A.,
Provincial Auditor.

Statement 1

SASKATCHEWAN HEALTH RESEARCH FUND

BALANCE SHEET

As at March 31

	1985			1984
	General Fund	Radiation Fund	Combined	
ASSETS				
Cash	$ 5,204	$ 7,543	$ 12,747	$ 116,058
Accrued interest receivable	63,102	7,960	71,062	67,836
Inter-fund receivable (payable)	47,373	(47,373)	-	-
Investments, at cost which approximates market value	1,395,360	430,075	1,825,435	2,587,916
Fixed assets	15,687	-	15,687	15,687
Other assets	1,098	-	1,098	1,084
	$1,527,824	$398,205	$1,926,029	$2,788,581
LIABILITIES AND EQUITY				
Liabilities:				
Grants payable	$ 640,683	$ 32,415	$ 673,098	$ 885,807
Equity:				
Equity in fixed assets	15,687	-	15,687	15,687
Fund balance (Statement 2)	871,454	365,790	1,237,244	1,887,087
	887,141	365,790	1,252,931	1,902,774
	$1,527,824	$398,205	$1,926,029	$2,788,581

(See accompanying notes to the financial statements)

Statement 2

SASKATCHEWAN HEALTH RESEARCH FUND

STATEMENT OF REVENUE, EXPENDITURE AND FUND BALANCE

Year Ended March 31

	1985			1984
	General Fund	Radiation Fund	Combined	
Revenue:				
Grant - Department of Health	$ -	$ -	$ -	$ 750,000
Interest	228,712	48,162	276,874	324,000
Other	50	-	50	3,110
	228,762	48,162	276,924	1,077,110
Expenditure:				
Research grants	854,392	(28,327)	826,065	1,038,004
Wages and benefits	64,070	-	64,070	61,934
Administrative and operating expenses	8,887	482	9,369	11,337
Honoraria and expenses of the board and committees	15,879	-	15,879	20,822
Rent	11,384	-	11,384	10,534
Administration fee (Note 4)	(4,843)	4,843	-	-
	949,769	(23,002)	926,767	1,142,631
Excess of revenue over expenditure (expenditure over revenue)	(721,007)	71,164	(649,843)	(65,521)
Fund balance, beginning of year	1,592,461	294,626	1,887,087	1,952,608
Fund balance, end of year - to Statement 1	$ 871,454	$365,790	$1,237,244	$1,887,087

(See accompanying notes to the financial statements)

Statement 3

SASKATCHEWAN HEALTH RESEARCH FUND

STATEMENT OF CHANGES IN FINANCIAL POSITION

Year Ended March 31

	1985			1984
	General Fund	Radiation Fund	Combined	
Source of funds:				
Grant receipts	$ -	$ -	$ -	$ 750,000
Interest and other receipts	231,595	42,106	273,701	362,750
	231,595	42,106	273,701	1,112,750
Application of funds:				
Grants paid	960,080	78,696	1,038,776	750,113
Other disbursements	95,391	5,326	100,717	107,506
Increase in interfund receivable (payable)	27,038	(27,038)	-	-
	1,082,509	56,984	1,139,493	857,619
Increase (decrease) in cash and investments	(850,914)	(14,878)	(865,792)	255,131
Cash and investments, beginning of year	2,251,478	452,496	2,703,974	2,448,843
Cash and investments, end of year (Note 3)	$1,400,564	$437,618	$1,838,182	$2,703,974
Comprised of:				
Cash	$ 5,204	$ 7,543	$ 12,747	$ 116,058
Investments	1,395,360	430,075	1,825,435	2,587,916
	$1,400,564	$437,618	$1,838,182	$2,703,974

(See accompanying notes to the financial statements)

SASKATCHEWAN HEALTH RESEARCH FUND

NOTES TO THE FINANCIAL STATEMENTS

March 31, 1985

1. Authority

The Saskatchewan Health Research Fund is a special purpose fund established under the provisions of The Health Research Act and is administered by the Saskatchewan Health Research Board for the purpose of assisting and stimulating research in the healing arts and health sciences. Pursuant to proclamation of the Act, the Fund came into being on September 15, 1979. During 1981 the Board was awarded status as a registered charity under The Income Tax Act.

The Radiation Fund was established in the 1981 fiscal year pursuant to an agreement entered into between the Department of Health and the Saskatchewan Health Research Board under which the Board agreed to administer and allocate monies received from the Department. The agreement also provides that the use of these funds be restricted to radiation research and costs incurred in administering and allocating the funds.

2. Accounting Policies

(a) Fund Accounting

The Saskatchewan Health Research Fund follows fund accounting procedures in which a self-balancing group of accounts is provided for both the General Fund and the Radiation Fund.

(b) Research Grants

The Saskatchewan Health Research Board holds annual competitions through which funds are awarded to successful applicants for terms of up to two years. The Fund follows the policy of recording the grant awards approved and committed during the year as expenditures. At year end, awards which have not been paid to individuals or to institutions administering awards on behalf of researchers but which are still committed for a competition are shown as grants payable on the balance sheet of the Fund. The balance of funds advanced to administering institutions in excess of the current requirements of researchers is held in trust by those institutions until drawn down by the researchers. In the event of the completion or termination of a project, or non-compliance with the terms of an award, the balance of unexpended funds is treated as a reduction of grant expenditure in the year that this is determined. These funds are then available to be awarded for future research.

2. Accounting Policies - (continued)

(c) Fixed Assets

Fixed asset purchases are charged as an expense against operations in the year of purchase and are therefore not depreciated. All fixed asset additions charged to expense are reflected in the statement of revenue, expenditure and fund balance. To reflect accountability for fixed assets in the financial statements, it is necessary to record them as balance sheet assets with a corresponding entry to "Equity in Fixed Assets".

(d) Investments

The Fund records investment transactions at cost.

3. Cash and Investments

In accordance with a request of the Department of Health, the Board agreed to retain portions of Provincial grants provided in previous years to the General Fund as invested capital. During 1984/85, the Department authorized the Board to begin drawing down on these accumulated funds to support current expenditures for research and administration. Accordingly, the Board considers that, of the cash and investments balance at March 31, 1985, $871,454 was being retained as invested capital of the General Fund (March 31, 1984 - $1,560,000).

	Retained (Drawn Down)
1979/80	$500,000
1980/81	500,000
1981/82	250,000
1982/83	175,000
1983/84	135,000
1984/85	(688,546)
	$871,454

4. Administration Costs

By resolution of the Board in 1983, the Radiation Fund is charged with an annual fee of 5% of the administrative costs of the General Fund (exclusive of direct costs associated with General Fund research competitions), plus the percentage of these costs calculated by determining the proportion of total grant expenditures in the current year (both Funds) accounted for by the Radiation Fund. The amount of the inter-fund charge is reflected as an administration fee in the financial statements.

5. Commitments

As at March 31, 1985, the Board was committed to a lease agreement for office premises with payments in future years as follows:

1986 - $10,534
1987 - $3,511

APPENDIX 3

SASKATCHEWAN HEALTH RESEARCH BOARD

TERMS OF REFERENCE FOR REVIEW COMMITTEES

(Amended 1981)

1. That the Chairman of each of the three Committees be a Board member.

2. That there be no other Board member serving on any of the Review Committees.

3. That the Chairman of the Committee have a casting vote only in order to break a tie.

4. That the Chairman of each Committee be responsible for the following:

   a) To select and assign applications to primary reviewers on his Committee;

   b) Together with the Committee members, the Chairman will select external peer reviewer(s) in Saskatchewan and/or outside the province for each grant-in-aid application;

   c) The programming, harmonization and chairing of the Review Committee meetings in such a way as to arrive at conclusions and recommendations to the Board within the time frame of the agreed period, i.e., March 15 - May 15;

   d) The preparation of the report including recommendations of the Committee and presentation of it to the Board.

5. The prime objective and the responsibility of each Committee is to review the grant applications strictly on the basis of their scientific merit. The Committee should also recommend a cutoff point below which no grants would be funded, i.e., recommend a payline.

6. It is strongly emphasized that the deliberations and recommendations of the Committees must always be kept in strict confidence.

APPENDIX 4

GRANTS-IN-AID BIOMEDICAL REVIEW COMMITTEE 1984-85

HORLICK, Dr. Lou (Chairman)
Department of Medicine
University Hospital
Saskatoon, Saskatchewan

COTTON, Dr. David
Department of Medicine
University Hospital
Saskatoon, Saskatchewan

HAMILTON, Dr. Don
Department of Veterinary Physiological Sciences
University of Saskatchewan
Saskatoon, Saskatchewan

HUBBARD, Dr. John
College of Pharmacy
University of Saskatchewan
Saskatoon, Saskatchewan

INNES, Dr. Peter
Department of Oral Biology
College of Dentistry
University of Saskatchewan
Saskatoon, Saskatchewan

JUURLINK, Dr. B. H. J.
Department of Anatomy
University of Saskatchewan
Saskatoon, Saskatchewan

KIRKPATRICK, Dr. Lynn
Department of Chemistry
University of Regina
Regina, Saskatchewan

KHANDELWAL, Dr. Ramji
Department of Biochemistry
University of Saskatchewan
Saskatoon, Saskatchewan

McDUFFIE, Dr. Norman
Department of Physiology
University of Saskatchewan
Saskatoon, Saskatchewan

McNEILL, Dr. J. Robert
Department of Pharmacology
University of Saskatchewan
Saskatoon, Saskatchewan

QUALTIERE, Dr. Louis
Department of Microbiology
University of Saskatchewan
Saskatoon, Saskatchewan

SKINNIDER, Dr. Leo
Department of Pathology
University of Saskatchewan
Saskatoon, Saskatchewan

APPENDIX 4A

PERSONNEL REVIEW COMMITTEE 1984-85

EIDINGER, Dr. David
Department of Microbiology
University of Saskatchewan
Saskatoon, Saskatchewan

DYCK, Dr. Roland
Department of Medicine
College of Medicine
University Hospital
Saskatoon, Saskatchewan

GENEST, Dr. Myles
Department of Psychology
University of Saskatchewan
Saskatoon, Saskatchewan

HERTZ, Dr. Leif
Department of Pharmacology
University of Saskatchewan
Saskatoon, Saskatchewan

LYONS YOUNG, Dr. Helen
Department of Psychology
University of Regina
Regina, Saskatchewan

MASLANY, Dr. George
Faculty of Social Work
University of Regina
Regina, Saskatchewan

MIRWALD, Dr. Robert
College of Physical Education
University of Saskatchewan
Saskatoon, Saskatchewan

MURPHY, Dr. Bruce
Department of Biology
University of Saskatchewan
Saskatoon, Saskatchewan

PEZER, Dr. Vera
Director of Student Counselling
University of Saskatchewan
Saskatoon, Saskatchewan

STEWART, Dr. Norma
College of Nursing
University of Saskatchewan
Saskatoon, Saskatchewan

THORNHILL, Dr. James
Department of Physiology
University of Saskatchewan
Saskatoon, Saskatchewan

WILSON, Dr. Tom
Department of Pharmacology
University of Saskatchewan
Saskatoon, Saskatchewan

APPENDIX 4B

GRANTS-IN-AID SOCIO-HEALTH REVIEW COMMITTEE 1984-85

MATTHEWS, Dr. Peter (Chairman)
Child and Youth Psychiatry
Ellis Hall
University of Saskatchewan
Saskatoon, Saskatchewan

BURY, Dr. John
Saskatoon Community Clinic
455 Second Avenue North
Saskatoon, Saskatchewan

FRITZ, Mr. Wayne
Policy Research and Management
Services Branch
Saskatchewan Health
T. C. Douglas Building
3475 Albert Street
Regina, Saskatchewan

KEEGAN, Dr. David
Department of Psychiatry
University Hospital
Saskatoon, Saskatchewan

ROBART, Mr. Greg
Regina Plains Community College
2708 - 12th Avenue
Regina, Saskatchewan

STANGE, Dr. Karl
Faculty of Social Work
University of Regina
Regina, Saskatchewan

STEAD, Dr. Stanley
Department of Social and Preventive
Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

APPENDIX 5

SASKATCHEWAN HEALTH RESEARCH BOARD AWARDS GRANTED

FIFTH COMPETITION - 1984-85

TRAINING FELLOWSHIPS

Recipient	Supervisor	Department	Amount
BUZIK, Shirley	HINDMARSH, K.	Pharmacy U of S	$ 10,000-84-85
DATAR, Sunil	WILSON, T.	Pharmacology U of S	10,000-85-86
EL-KABBANI, Ossama	DELBAERE, L.	Biochemistry U of S	10,000-84-85 10,000-85-86
GREEN, Julia	QUALTIERE, L.	Microbiology U of S	10,000-84-85 10,000-85-86
HOGE, Alan	CIPYWNYK, S.	Ed Psych U of S	10,000-84-85 10,000-85-86
JAWORSKI, Theodore	HAWES, E.	Pharmacy U of S	10,000-84-85 10,000-85-86
LAING, Gail	RADEMAKER, A.	Biostatistics U of Calgary	10,000-84-85 10,000-85-86
LINDSAY, Stewart	FEDOROFF, S.	Anatomy U of S	10,000-84-85 10,000-85-86
MacDONALD, Bonnie	HISCOCK, M.	Psychology U of S	10,000-84-85 10,000-85-86
MIKAIL, Sam	von BAEYER, C.	Psychology U of S	10,000-84-85 10,000-85-86
MITTELSTAEDT, Walter	WOLLERT, R.	Psychology U of S	10,000-84-85 10,000-85-86
PANCYR, Glenn	GENEST, M.	Psychology U of S	10,000-84-85
SHERRARD, Heather	LAY, C.	MHA Program U of Ottawa	10,000-84-85 10,000-85-86
THIEL, John	WENGER, B.	Anatomy U of S	10,000-84-85 10,000-85-86

RESEARCH FELLOWSHIPS

Recipient	Supervisor	Department	Amount
BAILEY, Bruce Alan	BOULTON, A.	Psychiatric Research Division U of S	$ 19,600-84-85 19,600-85-86
MURTHY, Ch. R. K.	HERTZ, L.	Pharmacology U of S	19,600-84-85 19,600-85-86

ESTABLISHMENT GRANTS (BIOMEDICAL)

ALBRITTON, William - Application of cluster analysis and 2-D gel electrophoresis to problems in molecular epidemiology	27,500-84-85 27,500-85-86
BOWEN, Vaughan - Study of microsurgical free growth plate transfers under differing load conditions	27,500-84-85
GORECKI, Dennis - Disposition of chloral hydrate in the neonate	27,500-84-85 7,115-85-86
GULAMHUSEIN, Sajadhussein - Sensitivity and specificity of programmed electrical stimulation of the heart	27,500-84-85 19,245-85-86
KIRKPATRICK, D. Lynn - Disulfides as potential bioreductively activated antineoplastic agents	11,000-84-85 11,000-85-86
ROAD, Jeremy - Diaphragmatic activation in fatigue	10,220-84-85 10,220-85-86
SHERIDAN, David - Regulation of platelet FC receptors	27,500-84-85 27,500-85-86
WOLLIN, Armin - Function of intestinal diamine oxidase	26,886-84-85 27,276-85-86

EQUIPMENT GRANTS (BIOMEDICAL)

BRANDELL, Bruce	1,747-84-85
JOHNSON, Gordon	20,000-84-85
ROAD, Jeremy	14,000-84-85
ROSENBERG, Alan	6,756-84-85
SCHMUTZ, Sheila	15,000-84-85

PRELIMINARY DEVELOPMENT GRANTS (BIOMEDICAL)

NARAYANAN, Njanoor - Studies on a novel enogenous protein inhibitor of sarcoplasmic reticulum calcium pump in heart muscle	$ 26,184-84-85

ESTABLISHMENT GRANTS (SOCIO-HEALTH)

STEWART, Norma - Sundown syndrome and polypharmacy in the institutionalized elderly	27,000-84-85
WOLLERT, Richard - The effects of leadership training on self-help group functioning and the health behavior of group members	27,359-84-85 27,464-85-86

PRELIMINARY DEVELOPMENT GRANTS (SOCIO-HEALTH)

BAILEY, Donald - Exercise amenorrhea , bone mineral content, and possible skeletal injury in physically active young females	14,735-84-85
BRIAN (KNOWLES), Jan - Perinatal outreach training project	27,000-84-85

EQUIPMENT GRANTS (SOCIO-HEALTH)

D'ARCY, Carl - Acquisition of a mini-computer for epidemiological data analysis	19,350-84-85

VENTURE GRANTS (SOCIO-HEALTH)

JESSUP, Barton - Psychiatric deinstitutionalization in Saskatchewan: a ten year follow-up of clinical predictions	5,000-84-85
MATTHEWS, Vincent - History of the Swift Current Health Region	5,000-84-85

MISCELLANEOUS GRANTS

Canadian Federation of Biological Societies	5,000
College of Nursing Conference	1,500
Socio-Health Research Steering Committee	2,550

APPENDIX 6

MEMBERS OF THE RADIATION ADVISORY COMMITTEE TO THE SASKATCHEWAN HEALTH RESEARCH BOARD

(April 1, 1984 Through March 31, 1985)

JOHNSON, Dr. Dennis (Chairman)
Department of Pharmacology
College of Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

HICKIE, Dr. Robert
Department of Pharmacology
College of Medicine
University of Saskatchewan
Saskatoon, Saskatchewan

ALDERMAN, Mr. John
Acting Director
Occupational Health & Safety Branch
Department of Labour
Saskatchewan Place
1870 Albert Street
Regina, Saskatchewan

MALIEPAARD, Mr. Hugo
Executive Director
Environmental Information, Co-ordination & Assessment Service
Saskatchewan Environment
3085 Albert Street
Regina, Saskatchewan
S4S OB1

EIDINGER, Dr. David
Department of Microbiology
University of Saskatchewan
Saskatoon, Saskatchewan

WEST, Dr. Roy
Community Health Services Branch
Saskatchewan Health
T. C. Douglas Building
3475 Albert Street
Regina, Saskatchewan

In addition RAC has retained a consultant to advise on particular areas of health-related radiation research:

BROWN, Dr. L. D.
Chief Radiation Health Physicist
Occupational Health and Safety Branch
Department of Labour (Saskatchewan)
Saskatchewan Place
1870 Albert Street
Regina, Saskatchewan

APPENDIX 7

RAC AWARDS GRANTED DURING 1984-85

Grantee	Project Title	Award Amount And Duration
SHEARD, John	Novel application of statistical methods to the analysis of radionuclide distribution in vegetation	$ 21,500-84/85